Att: Dkt. No. ROC920000304US1
U.S. Serial No.: UNKNOWN
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Inventor: O'Brien et al.
Express Mail No.: EL849146484US
Sheet 1 of 16

Fig. 1

Fig. 2

Replacement Sheet

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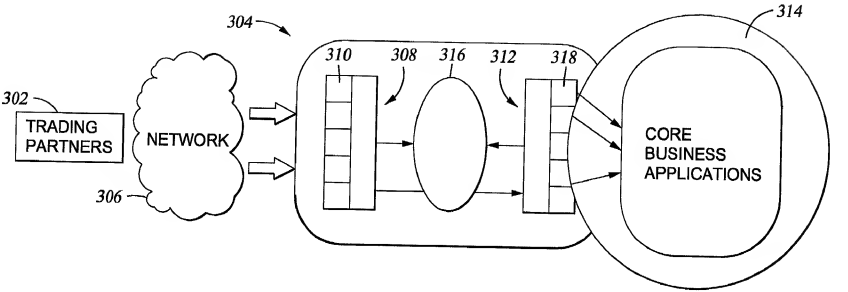

Fig. 3

PTO/SB/21 (04-04)
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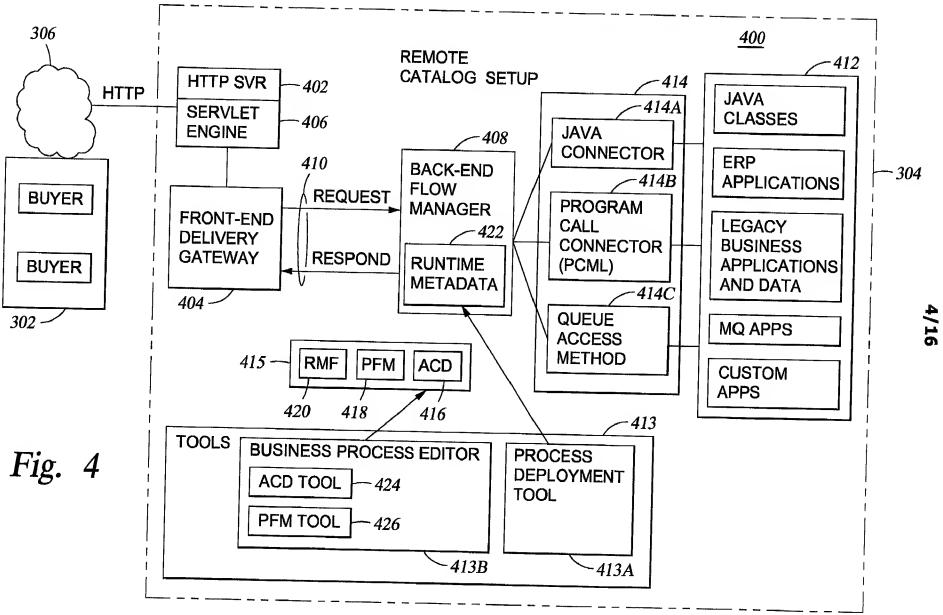

Fig. 4

Atty. Dkt. No.: ROC920000304US1
Client Ref. No.:
Title: Serial No.:
Inventor: HERRMANN
Express Mail No.: O'Brien et al.
Sheet 4 of 16 EL849164848US

Atty. Dkt. No.: ROC920000044US1
U.S. Serial No.:
Filed:
Inventor: HERRMANN
Express Mail No.: O'Brien et al.
Sheet 5 of 16 EL849164843US

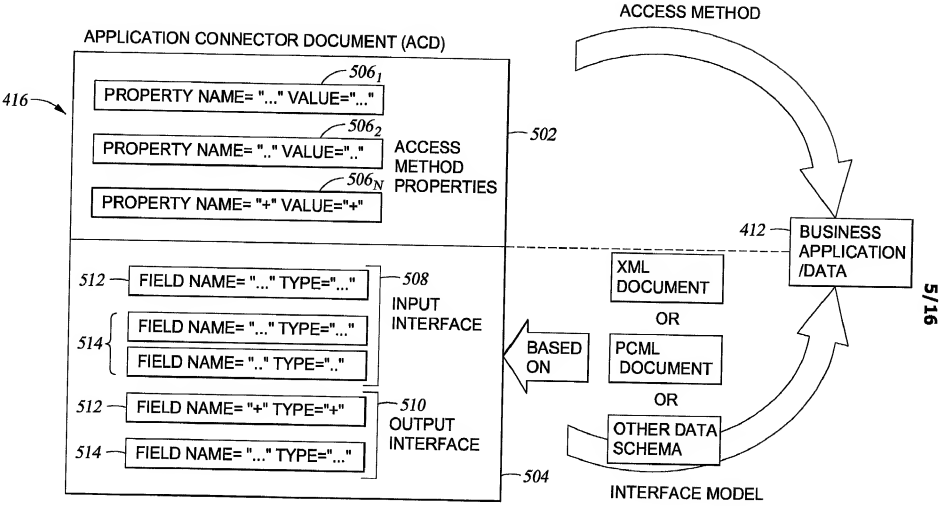

Fig. 5

Atty. Dkt. No.: ROC920000304US1
U.S. Appln. No.:
U.S. Original Patent No.:
Filed:
Inventor: O'Brien et al.
Express Mail No.: EL849146484US

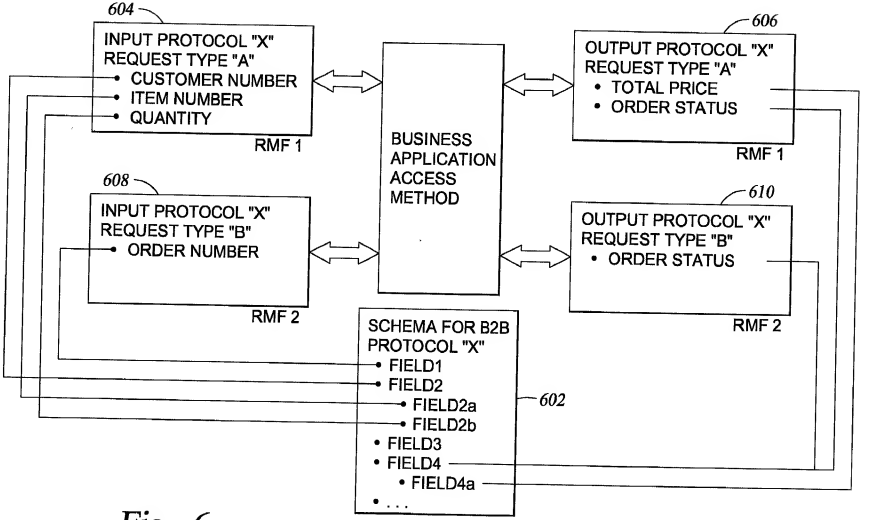

Fig. 6

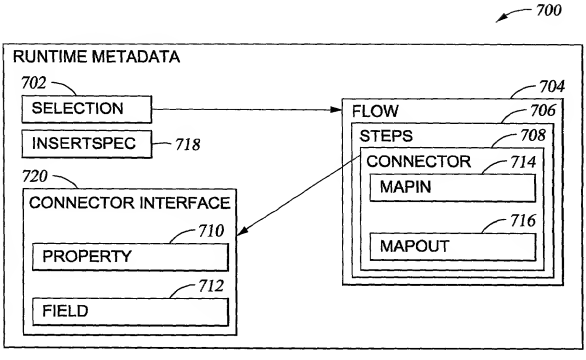
700
RUNTIME METADATA
702
SELECTION
INSERTSPEC
718
720
CONNECTOR INTERFACE
710
PROPERTY
712
FIELD
704
FLOW
706
STEPS
708
CONNECTOR
714
MAPIN
716
MAPOUT

Fig. 7

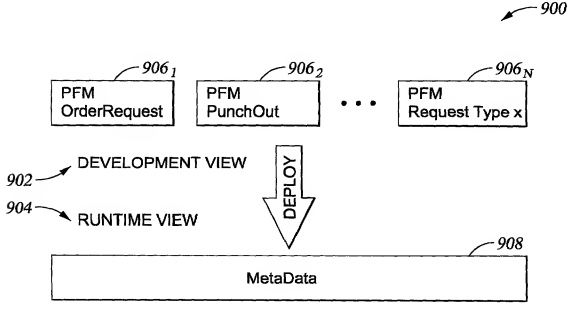
900
906 1
PFM
OrderRequest
906 2
PFM
PunchOut
906 N
PFM
Request Type x
902
DEVELOPMENT VIEW
904
RUNTIME VIEW
DEPLOY
908
MetaData

Fig. 9

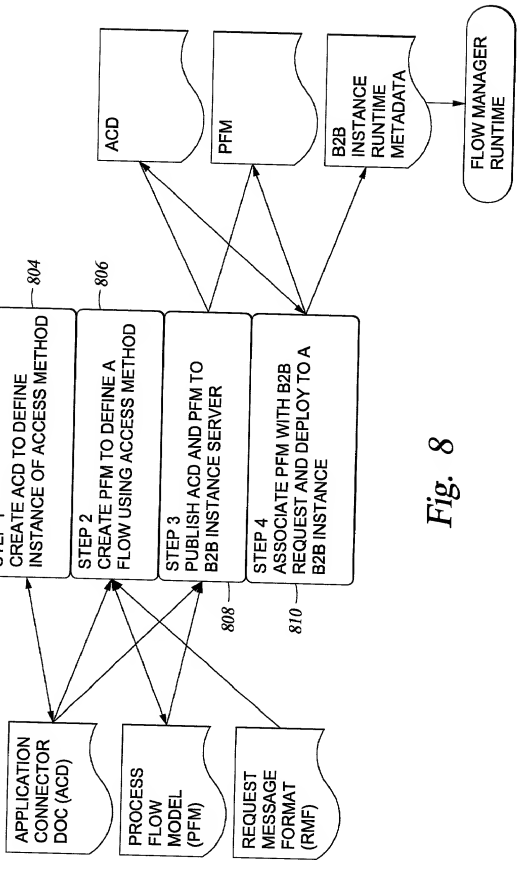
800
START
802
STEP 1
CREATE ACD TO DEFINE
INSTANCE OF ACCESS METHOD
804
STEP 2
CREATE PFM TO DEFINE A
FLOW USING ACCESS METHOD
806
STEP 3
PUBLISH ACD AND PFM TO
B2B INSTANCE SERVER
808
STEP 4
ASSOCIATE PFM WITH B2B
REQUEST AND DEPLOY TO A
B2B INSTANCE
810
APPLICATION CONNECTOR DOC (ACD)
PROCESS FLOW MODEL (PFM)
REQUEST MESSAGE FORMAT (RMF)
ACD
PFM
B2B INSTANCE RUNTIME METADATA
FLOW MANAGER RUNTIME

Fig. 8

Atty. Dkt. No.: ROC920030394US1
U.S. Serial No.: UNKNOWN
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Inventor: O'Brien et al.
Express Mail No.: EL549166484US
Sheet 9 of 16

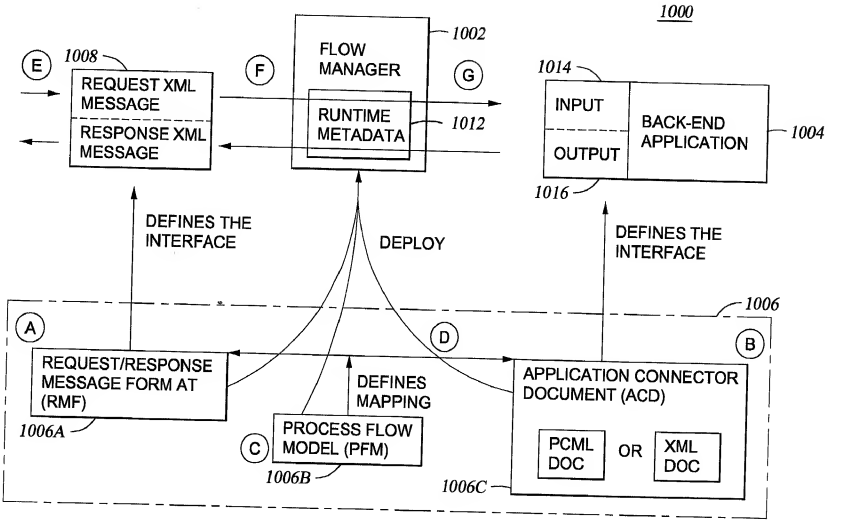

Fig. 10

PCT/US2005/030403

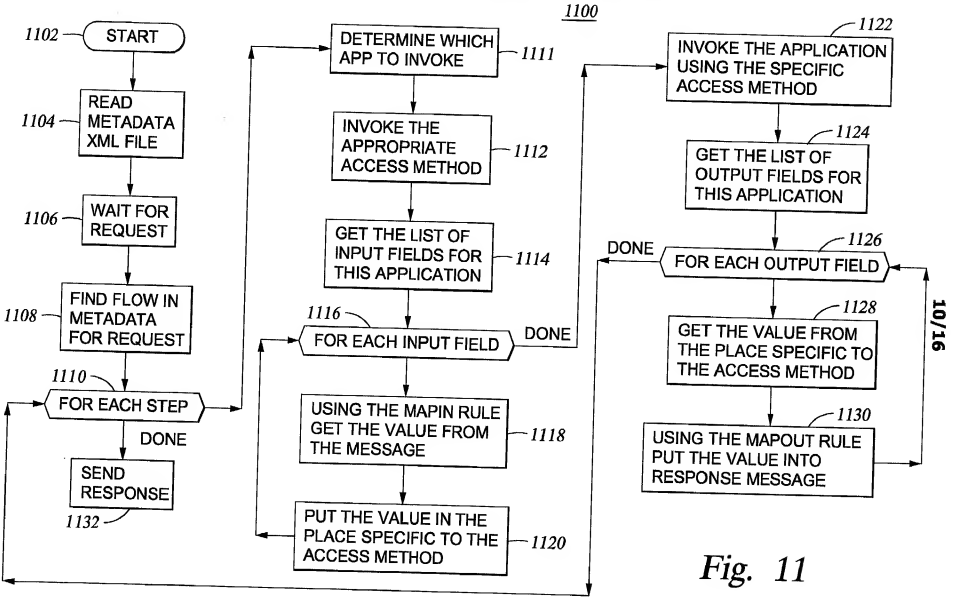

Fig. 11

Atty Dkt. No.: ROC920040304US1
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Express Mail No.: EL849164484US
Sheet 10 of 16

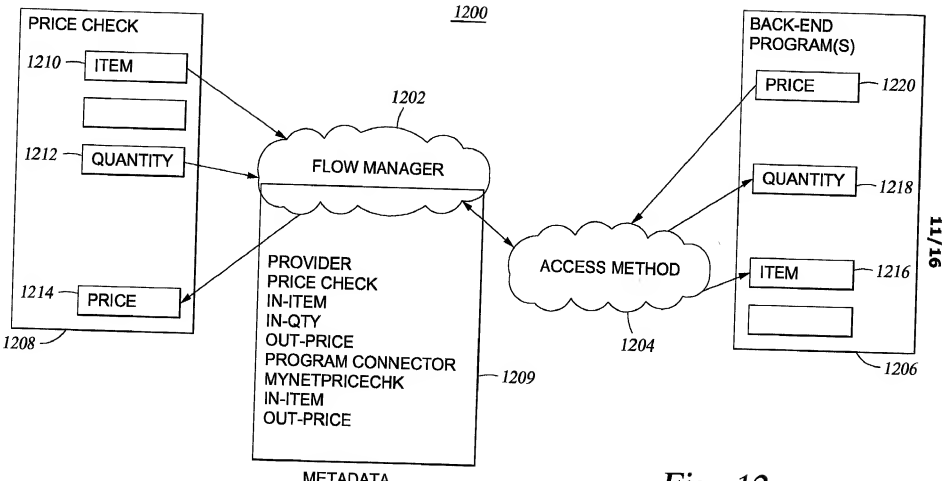
1200
PRICE CHECK
1210
ITEM
1212
QUANTITY
1214
PRICE
1208
1202
FLOW MANAGER
PROVIDER
PRICE CHECK
IN-ITEM
IN-QTY
OUT-PRICE
PROGRAM CONNECTOR
MYNETPRICECHK
IN-ITEM
OUT-PRICE
1209
METADATA
ACCESS METHOD
1204
BACK-END
PROGRAM(S)
PRICE
1220
QUANTITY
1218
ITEM
1216
1206

Fig. 12

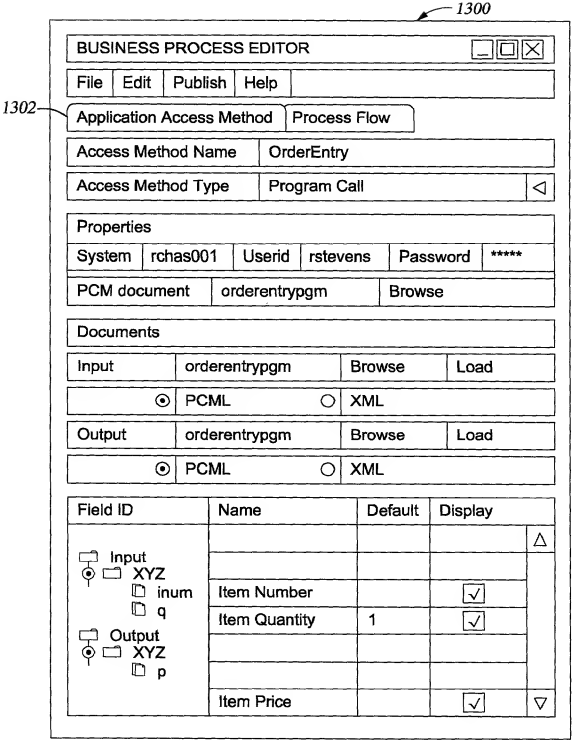
1300
BUSINESS PROCESS EDITOR
File
Edit
Publish
Help
1302
Application Access Method
Process Flow
Access Method Name
OrderEntry
Access Method Type
Program Call
Properties
System
rchas001
Userid
rstevens
Password
*****
PCM document
orderentrypgm
Browse
Documents
Input
orderentrypgm
Browse
Load
PCML
XML
Output
orderentrypgm
Browse
Load
PCML
XML
Field ID
Name
Default
Display
Input
XYZ
inum
q
Output
XYZ
p
Item Number
Item Quantity
1
Item Price

Fig. 13

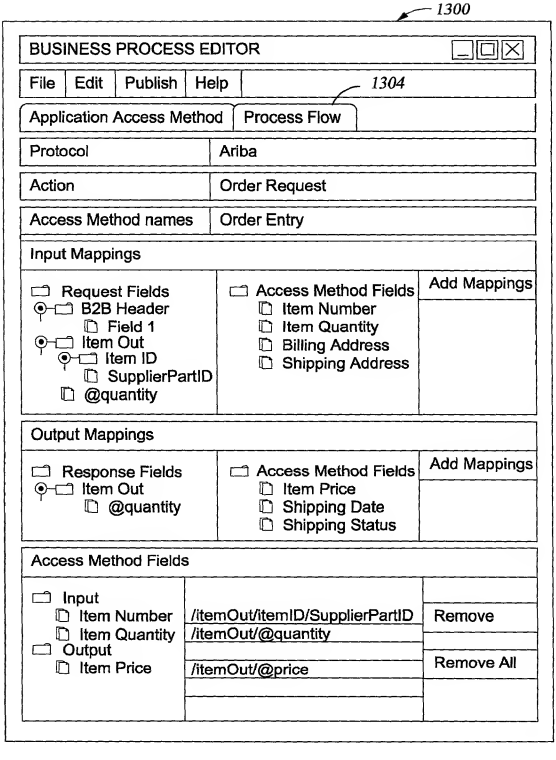
1300
BUSINESS PROCESS EDITOR
File
Edit
Publish
Help
1304
Application Access Method
Process Flow
Protocol
Ariba
Action
Order Request
Access Method names
Order Entry
Input Mappings
Request Fields
B2B Header
Field 1
Item Out
Item ID
SupplierPartID
@quantity
Access Method Fields
Item Number
Item Quantity
Billing Address
Shipping Address
Add Mappings
Output Mappings
Response Fields
Item Out
@quantity
Access Method Fields
Item Price
Shipping Date
Shipping Status
Add Mappings
Access Method Fields
Input
Item Number
Item Quantity
Output
Item Price
/itemOut/itemID/SupplierPartID
/itemOut/@quantity
/itemOut/@price
Remove
Remove All

Fig. 14

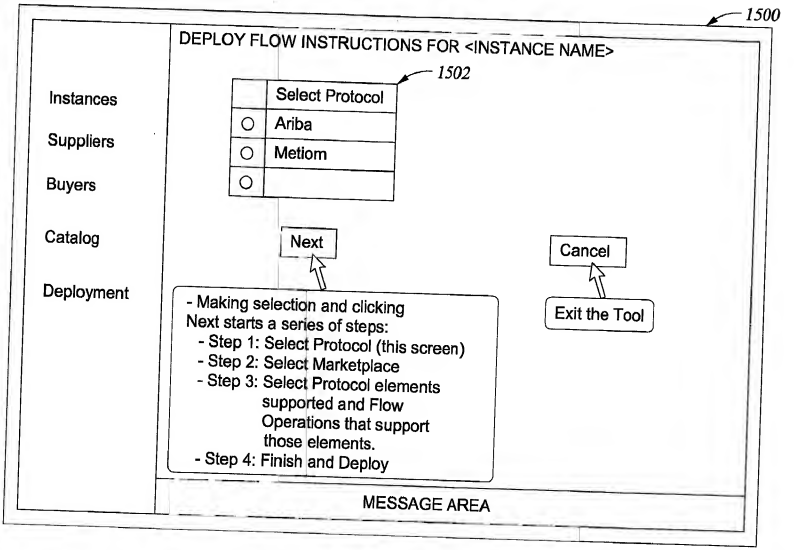
1500
DEPLOY FLOW INSTRUCTIONS FOR <INSTANCE NAME>
1502
Instances
Suppliers
Buyers
Catalog
Deployment
Select Protocol
Ariba
Metiom
Next
Cancel
Exit the Tool
- Making selection and clicking Next starts a series of steps:
- Step 1: Select Protocol (this screen)
- Step 2: Select Marketplace
- Step 3: Select Protocol elements supported and Flow Operations that support those elements.
- Step 4: Finish and Deploy
MESSAGE AREA

Fig. 15

Atty. Dkt. No.: ROC920030034US1
U.S. Serial No.: 10/XXX,XXX
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Inventor: O'Brien et al.
Express Mail No.: EL589146484US
Sheet 15 of 16

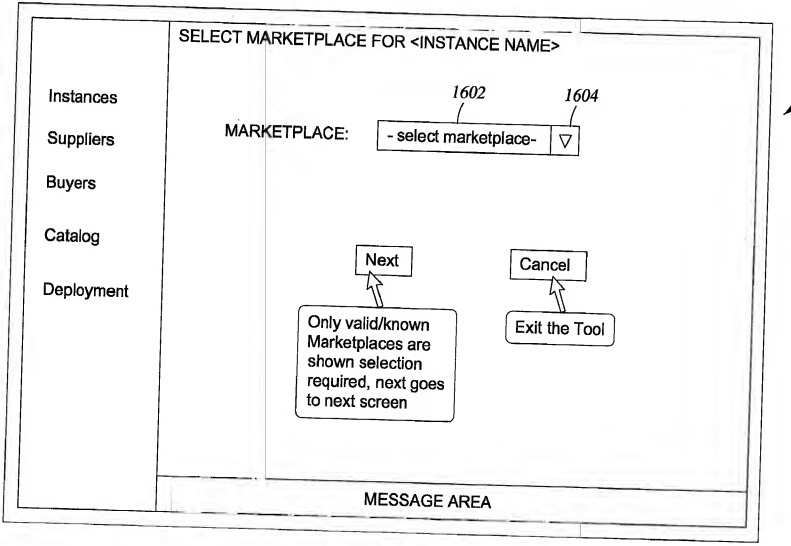

Fig. 16

Atty. Dkt. No.: RGC920000044US1
U.S. Serial No.:
Filed:
Inventor:
O'Brien et al.
Express Mail No.: EL589146484US
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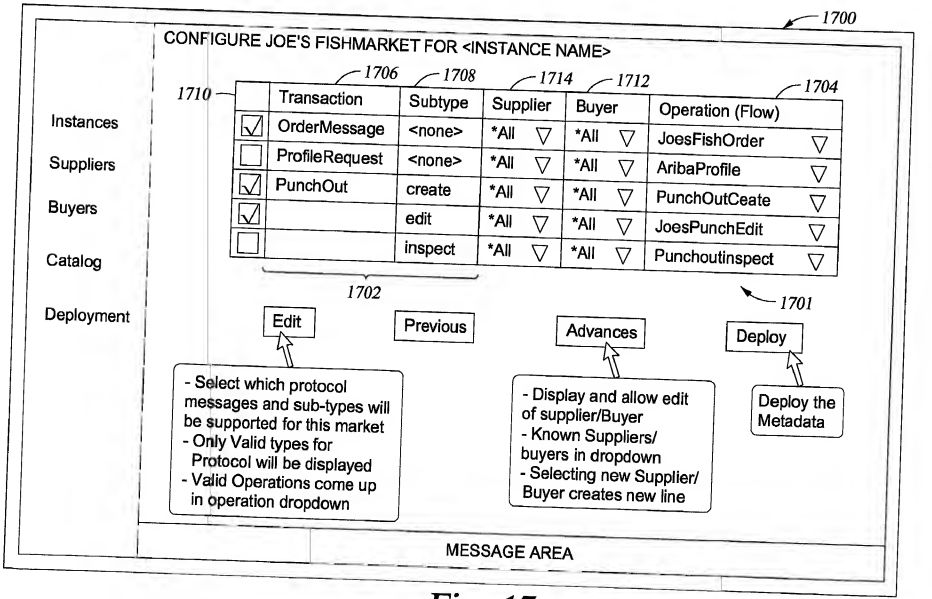

Fig. 17